

PERSONAL INFORMATIONS



COMAN MIRELA ANA

📍 str. Dr. Victor Babeș, no. 62A, 430083, Baia Mare, Maramureș County, Romania

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✉ comanmirela2000@yahoo.com

🗣 Mirela Coman ([GoogleScholar](#), [ResearchGate](#), [Academia](#), [Mendeley](#), [ResearcherID](#))

Sex F | Date of birth: 21/02/1966 | Nationality: Romanian

THE WORKPLACE FOR WHICH SHE IS CANDIDATED

PhD Supervisor

PROFESIONAL EXPERIENCE

2017-PRESENT

PhD Supervisor, Agronomy, Environmental protection

University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca

Mănăștur Alley 3-5, 400372, Cluj-Napoca, România

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contact@usamvcluj.ro

Field or Sector of activity - research and education

2007-PRESENT

Associate Professor PhD Eng.

Technical University of Cluj-Napoca, North University Centre, Faculty of Engineering

str. Dr. Victor Babeș, nr. 62A, 430083, Baia Mare, Maramureș county, România

Tel: +40 -362-401.265

inginerie@cunbm.utcluj.ro

Field or Sector of activity - research and education

Course holder:

- General and Applied Ecology- licence level,
- Ecological Management- licence level,
- Soil Degradation Technologies - licence level,
- Soil Protection and Depollution – master level,
- Environmental Management – master level.

2002-2007

Lecturer PhD Eng.

North University of Baia Mare, Faculty of Mineral Resources and Environment

str. Dr. Victor Babeș, nr. 62A, 430083, Baia Mare, jud. Maramureș, România

Course holder:

- General and Applied Ecology- licence level,
- Ecological Management- licence level,
- Soil Degradation Technologies- licence level;
- Soil protection and depollution - master level,
- Environmental management - master level.

Field or Sector of activity - research and education

1994-2002

Head of Design Office, Eng. Export-Import Department

SC Foremar SA, str. A. Iancu, nr. 23, Baia Mare



- Coordination of design, research and development of the company;
- Implementation of programs and projects.

Field or Sector of activity – woodwork, home decor and furniture design, business relation management with foreign partners

1989-1994 **Head of Design Office, Head of Technical Quality Control Service, trainee engineer**

SCCA Tehnolemn, str. Mărgeanului, nr. 7, Baia Mare

- Coordination of design, research and development of the company;
- Controlling international contracts finished products.

Field or Sector of activity: woodwork, , business relation management with foreign partners, home decor and furniture design, quality control

EDUCATION AND PROFESSIONAL FORMING

OCT. 2000 - 2005

Postgraduate studies (doctorate) / PhD

nivel 8 EQF

Transilvania University of Brasov, Faculty of Forestry Brasov, str. Șirul Ludwig van Beethoven 1, Brașov 500123, (www.unitbv.ro/silvic)

Research Regarding the Influence of Geomorphological and Meteorological Conditions on Polluting Processes in the Baia Mare Depression.

FEBR. 2001 – IUL. 2001

Postgraduate studies / graduation certificate

nivel 6 EQF

North University of Baia Mare, Victor Babeș Street, no. 62A, 430083, Baia Mare, Maramureș County, Romania

Specialization: Environmental Engineering

SEPT. 1984 – IUN. 1989

Long-term university studies / Engineer's diploma - Merit Diploma

nivel 6 EQF

Transilvania University of Brasov, Faculty of Wood Engineering, Strada Universitatii 1, Brasov 500068 (www.unitbv.ro/il/)

PERSONAL COMPETENCES

MATERNAL LANGUAGE

Romanian

OTHER KNOWN LANGUAGES

	UNDERSTANDING		CONVERSATION		WRITING
	LISTENING	WRITING	CONVERSATION WITH PARTNERE	ORAL SPEACH	
English language	C1	B2	B1	B1	B2
Russian Language	B1	B1	B1	B1	B1

Levels: A1/A2: Elementary user - B1/B2: Independent user - C1/C2: Experimented user
European common reference system for foreign languages

COMUNICATIONS COMPETENCES

- Excellent communicator, negotiation and mediation skills acquired through our own experience as a result of participation in / organization of scientific manifestations;
- Good skills in assimilation of information and skills, ability to synthesize and evaluate, as well as availability for involvement in socio-cultural and research activities - acquired through our own experience, as a result of collaboration with different socio-professional entities, during visits.

ORGANIZATIONAL COMPETENCES

- Good teamwork skills, under stress conditions and spontaneous adaptation to multicultural environments - acquired as a result of participation in internships, mobility and volunteering;
- Excellent organizational skills, analytical thinking and the ability to find new ideas, opportunities and solutions acquired through curricular and extra-curricular experience accumulated in work with students.



WORKPLACE COMPETENCES

- excellent knowledge of the professional field, but also of other tangential domains (environmental informatics, art of woodworking);
- in depth knowledge and use of laboratory equipment and instruments for measuring and monitoring environmental factors;
- good use of modern (computational) techniques of ecosystem investigation, modelling and simulation of pollution-related ecosystems.

DIGITAL COMPETENCES

SELF EVALUATION				
INFORMATION PROCESSING	COMUNICATI ON	CREATING NEW CONTENT	SECURITY	\PROBLEM SOLVING
INDEPENDENT USER	EXPERIMENTED USER	EXPERIMENTED USER	INDEPENDENT USER	INDEPENDENT USER

Levels: Elementary user - Independent user - Experimented user
[Digital competences – Auto-evaluation grid](#)

- proficient command of the office suite;

OTHER COMPETENCES

- Specific academic competences:
 - Counselling on regulations regarding student activity (bachelor / master admission, writing of diploma papers, master, election student representatives, internships, mobility and volunteering);
 - non-formal education, student-centred education, individual development, psychomotivation, Learning, emotional intelligence.
 - Organizing student's scientific sessions and thematic workshops.

DRIVER'S LICENSE

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MORE INFO

TEACHING AND PROFESSIONAL ACTIVITY

PROFESSIONAL AFFILIATIONS

- General Association of Engineers in Romania (2002 -...)
- The Romanian National Society for Soil Science (2003 -...)
- Romanian Society of Rheology (2016 -...)

DIDACTIC ACTIVITY

- Books (3) and chapters in specialized books as author (10);
- Books and chapters in specialized books as editor / coordinator (8);
- Manuals (2) and laboratory guidance in CNCSIS publishing houses (4);
- Coordination of programs of study, organization and coordination of continuous training programs and educational projects (2)

ACTIVITIES REGARDING STUDENTS

2014 - **Founding member "Center for the Promotion of Students' Scientific Activity"**, (cpass-utcn.weebly.com), Faculty of Engineering, Baia Mare

2017-2010 - **Organizer or member of organizing committees and scientific committees:**

- "Scientific Session of Students Session" (May 2010-2012)
- "International Day of Meteorology" (March 2012, 2013, 2014)
- "International Environment Day" (June 2012)
- Symposium "The Green House between Dream and Reality" (2012- present)
casaecologicaintrevissirealitate.wordpress.com
cpass-utcn.weebly.com/casa-ecologica-intre-vis-si-realitate.html



**OTHER REPRESENTATIVE
ACTIVITIES**

2014 –Present: **Editor-in-Chief** of the Scientific Bulletin of the North University Center of Baia Mare, Series D Mining Mineral Processing Non-ferrous Metallurgy, Geology and Environmental Engineering;

2016 -Present: reviewer *HIDRAULICA* Journal- Environmental Protection articles

2008-2011–Expert MEC for "Elaboration of the Study on the correlation between requirements and training of highly qualified forestry workers, Bachelor's degree (TPL and IPFL) and master level (SALTI and Eco-Design of Furniture);

RESEARCH ACTIVITY
SCIENTIFIC MANIFESTATION

TOTAL **30+**, from wich:

- National confrences (**34**) and international ones (**18**);
- Local/national simpozioims (**6**) and international ones (**2**);
- Local communication sessions (**1**) and also international (**5**);
- workshops and other forming sessions (**4**).

PUBLICATIONES

TOTAL **140+**, from wich:

- in extenso articles, **ISI rated articles** Thomson Reuters (**7**);
- in extenso articles, indexed as **ISI Proceedings** (**6**);
- in extenso articles, indexed as **BDI / B+ (90+)**;
- in extenso articles, indexed as C, D or **unindexed (20+)**.

Representative works:

In extenso scientific ISI rated articles Thomson Reuters

- **Coman M.**, Demarcsek R., Cioruța B., Coman L., Adamenko Y., Arkhipova L., (2016) *Comparative elements of Romanian and Ukrainian legislation regarding the protection of soils contaminated with oil products*, Wulfenia multidisciplinary ISI Journal (IF 0,267), ISSN: 1561-882X, vol. 23, nr. 7, pg. 121-128 (multidisciplinarywulfenia.org)
- Adamenko Y., **Coman M.**, (2016) *The Methodology of Decision-Making within Procedures of Environmental Impact Assessments*, Wulfenia Journal, ISSN 1561-882X, vol 23, nr. 6, pg. 377-384 (multidisciplinarywulfenia.org)
- **Coman M.**, Adamenko Y., Cioruța B., (2016) *Evolutionary processes specific for soils polluted with oil products*, Wulfenia multidisciplinary ISI Journal (IF 0,267), ISSN: 1561-882X, vol. 23, nr. 6, pg. 27-32 (multidisciplinarywulfenia.org)
- **Coman M.**, Taro G., Oros V., (2012) *Comparative aspects regarding the environmental management in Romania and Ukraine*, Journal of Environmental Protection and Ecology, ISSN: 1311-5065, vol. 13, nr. 2A, pg. 1086-1089
- Tisan V., Dascalescu A., **Coman M.**, Oros V., (2012) *RUTEM-Regional Centre for training environmental protection, management and monitoring*, Journal of Environmental Protection and Ecology, ISSN: 1311-5065, vol. 13, nr. 2A, pg. 1082-1085
- **Coman M.**, Rusu T., (2010) *New Ways In Using Far-Infrared Radiations For Agricultural Production*, Journal of Food Agriculture & Environment (JFAE), Vol.8 (3&4), pg. 714-717
- Oros V., **Coman M.**, Marian M., Mihaly G. L., Mihaly A., (2009) *Preliminary investigation aimed to ecological reclaiming by phytoremediation of a large flotation tailing dump in Baia Mare mining area*, Environmental Engineering and Management Journal, vol. 8, nr. 4, pg. 915-922



PATENTS OF INVENTION

Coman M. (2012): Method of seed germination with infrared radiation, nr. 126456 / 2012

GRANTS / PROJECTS GIVEN BY COMPETITION

- **ENI CBC Programme (HUSKROUA/1702/6.1/0022)** - CRIMIGE- "Regional Center for Training and Monitoring of the Environmental Impact of Electrical Installations" – (2020-2022
- **ENPI CBC Programme-(HUSKROUA/1001/110)** RoUaSoil: Romania-Ukraine cross border area - The management of the contaminated Sites with oil products - (2012-2015)
- **URBACT II: BHC** - „Building Healthy Communities”, Contract No.4265/19.05.09 (2008-2011)
- **CNMP - PNCD 2**, AMSREI –“ Monitoring the action of the soil microbiota for its use in ecological remediation of the tailings ponds”- Contract nr. 31010/2007 (2008-2010)
- **EUREKA (ROE01/132.023)** “Capacity Building in Sustainable Environmental Techniques. The Application of Phytoremediation in Romania contract No. 407/23.02.2009 (2009)
- **LEXIN**- Contract No. 20081/17/10/2008 (2008-2009)
- Cercetare aplicativă privind elaborarea și implementarea unui sistem de management de mediu la S.C. Plimob S.A. Sighetu Marmăției Contract nr. 75/8 oct. 2008 (2008-2009)
- Cercetare aplicativă privind utilizarea tehnologiei de încălzire ecologică, biogenetică de tip Lexin (2007-2008)
- **PHARE CBC 2005/017-539.01.26:** RUTEM –„Romania-Ukraine Regional Center for Treining in Environment and Monitoring”, Project PHARE CBC 2005/017-539.01.26, Neighborhood Programme Romania-Ukreine 2004-2006 (2007-2008)
- Applicative research on the development and implementation of an environmental management system at SC Arcer SRL Sighetu Marmăției (2007-2008)
- **Cepronef**-Possibilities of mathematical modeling of dispersions of non-hazardous landfill (2006)
- **British Council Romania:** IUGA- Dig Where You Live/ (2005-2006)
- **PC 5 EU- Contract nr. EVK1–CT–2001:** THE TISZA RIVER PROJECT - Real-life scale integrated catchment models for supporting water-and environmental management decisions contr. Nr. EVK1–CT–2001, Program Cadru 5 EU (2002-2004)
- **CESO Canada:** To Advise on Waste Management of Wood (2001-2002)

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RECOGNITION AND IMPACT OF ACTIVITY

RECOGNITION OF ACTIVITY / DISTINCTIONS

- 2017 - "First Prize" at the World Light World Essay Contest, Babeş Bolyai University Cluj-Napoca;
- 2017 - "Diploma of Excellence" and "Golden Medal" at the International Invention and Innovation Salon "Pro Invent" Cluj-Napoca;
- 2017 - "Diploma of Excellence" of the Technical University of Moldova;
- 2016 - "Diploma of Excellence" and "Silver Medal" at the International Fair of Inventions and Innovations "Traian Vuia" Timisoara;
- 2016 - Laureate Student at the LSRS Gala (The Romanian Students League Abroad);
- 2013 - "Diploma of Excellence" for the outstanding academic and pedagogical activity unfolded;
- 2011 - Laureat ANOSR "Professor Bologna";
- 2010 - Finalist "Gala of Education Awards";
- 2006 - Medal of "100 Years of Soil Science in Romania".

IMPACT OF ACTIVITIES

- Citations in ISI Thomson Reuters (5) and BDI (34);
- Member of editorial teams or scientific committees of scientific journals and exhibitions, organizer of scientific events, reviewer for national and international scientific journals and scientific events (3);
- Management experience (2012-2016 - Senate member Technical University Cluj-Napoca

DATE
July.,2020

Signature



